Subject: i need help with imagemap Posted by alisonl on Mon, 18 Jun 2001 11:42:50 GMT

View Forum Message <> Reply to Message

hi,

i am a fairly new idl user and need some help.

i currently have images from the meteosat satellites, which i am trying

to convert to latitude/ longtitude coordinates. i have managed to create

arrays for the latitude and longtiude of each pixel, but this is as far as i have got.

i have tried using liam gumleys imagemap program, but without success.

the most common complaint idl has with this

program is that i have reached the end of file before the end of the program.

has anyone got any ideas what i might be doing wrong? any help would be great.

alison lucie

Subject: Re: i need help with imagemap

Posted by Liam E. Gumley on Mon, 18 Jun 2001 14:51:15 GMT

View Forum Message <> Reply to Message

alison lucie wrote:

- > i am a fairly new idl user and need some help.
- > i currently have images from the meteosat satellites, which i am
- > trying
- > to convert to latitude/ longtitude coordinates. i have managed to
- > create
- > arrays for the latitude and longtiude of each pixel, but this is as
- > far as i have got.
- > i have tried using liam gumleys imagemap program, but without success.
- > the most common complaint idl has with this
- > program is that i have reached the end of file before the end of the
- > program.
- > has anyone got any ideas what i might be doing wrong?
- > any help would be great.

Hi Alison,

I suspect the problem is caused by the method you are using to read the file. IMAGEMAP doesn't know anything about data files: it just plots arrays that already exist in memory.

Can you be a bit more specific about the type of data file you are trying to read? For example,

How many pixels are in each row?

How many rows?

What is the data type for each pixel (e.g., byte, 16-bit integer, 32-bit float)?

How many bytes of header information (if any)?

Cheers,

Liam.

http://cimss.ssec.wisc.edu/~gumley/

Subject: Re: i need help with imagemap Posted by Paul van Delst on Mon, 18 Jun 2001 17:02:55 GMT View Forum Message <> Reply to Message

"Liam E. Gumley" wrote:

>

- > alison lucie wrote:
- >> i am a fairly new idl user and need some help.
- >> i currently have images from the meteosat satellites, which i am
- >> trying
- >> to convert to latitude/ longtitude coordinates. i have managed to
- >> create
- >> arrays for the latitude and longtiude of each pixel, but this is as
- >> far as i have got.
- >> i have tried using liam gumleys imagemap program, but without success.
- >> the most common complaint idl has with this
- >> program is that i have reached the end of file before the end of the
- >> program.
- >> has anyone got any ideas what i might be doing wrong?
- >> any help would be great.

>

> Hi Alison,

>

- > I suspect the problem is caused by the method you are using to read the
- > file. IMAGEMAP doesn't know anything about data files: it just plots
- > arrays that already exist in memory.

Actually the error quoted, that IDL has "reached the end of file before the end of the program" sounds more like a corrupted source code file with an unterminated (or incorrectly terminated) control construct. I get that error sometimes when I quickly fiddle with IF constructs when testing code.

It can be a bugger to find this stuff as IDL doesn't report a useful line number (it reports the last END as where the error occurred.... which, strictly speaking, is correct

but not too helpful.)

But, without more info, the above is just a guess.

paulv

p.s. I use Liam's imagemap successfully all the time and wonder what is meant by "the most common complaint idl has with this program..." What other complaints do you get, Alison?

__

Paul van Delst A little learning is a dangerous thing;

CIMSS @ NOAA/NCEP Drink deep, or taste not the Pierian spring; Ph: (301)763-8000 x7274 There shallow draughts intoxicate the brain,

Fax:(301)763-8545 And drinking largely sobers us again.

Alexander Pope.

Subject: Re: i need help with imagemap

Posted by Sdavis on Tue, 19 Jun 2001 16:37:22 GMT

View Forum Message <> Reply to Message

<!doctype html public "-//w3c//dtd html 4.0 transitional//en">

<html>

check out

br>http://cimss.ssec.wisc.edu/~gumley/imagemap.html

if you haven't already.

alison lucie wrote:

i am a fairly new idl user and need some help.

 currently have images from the meteosat satellites, which i am

br>trying

to convert to latitude/ longtitude coordinates. i have managed to

br>create

dr>arrays for the latitude and longtiude of each pixel, but this is as

br>far as i have got.

i have tried using liam gumleys imagemap program, but without success.

the most common complaint idl has with this

program is that i have reached the end of file before the end of the

br>program.

has anyone got any ideas what i might be doing wrong?

>any help would be great.

alison lucie</blockquote>

<-- </pre>

 Sean M. Davis ; sdavis@nis.lanl.gov |V o\ o ,,,, &n bsp;) `-'. \ NIS-1 |/\ / (::::[||||||||||||#==#[| Los Alamos National Laboratory " p;).-.__/ 505-667-8784 </html>

Subject: Re: i need help with imagemap Posted by alisonl on Thu, 21 Jun 2001 11:50:57 GMT

View Forum Message <> Reply to Message

>

> Hi Alison,

>

- > I suspect the problem is caused by the method you are using to read the
- > file. IMAGEMAP doesn't know anything about data files: it just plots
- > arrays that already exist in memory.

>

- > Can you be a bit more specific about the type of data file you are
- > trying to read? For example,

>

- > How many pixels are in each row?
- > How many rows?
- > What is the data type for each pixel (e.g., byte, 16-bit integer, 32-bit
- > float)?
- > How many bytes of header information (if any)?

hi,

there are 1250 pixels in each row and 625 rows. the data type is byte for each pixel. there is no header file on the image.

> all my other problems were caused by plain stupidity and have been sorted so far.

thanks for your time

alison

> Cheers.

- > Liam.
- > http://cimss.ssec.wisc.edu/~gumley/

Page 5 of 5 ---- Generated from comp.lang.idl-pvwave archive